

**Amendments to the Abstract**

ABSTRACT OF THE DISCLOSURE

A gas turbine ~~comprising~~ including a compressor, combustor and turbine further ~~comprises~~ includes (1) a cooling air system for supplying part of air compressed by a compressor to ~~the~~ a high temperature section of the turbine, (2) a ~~heater~~ heat exchanger for exchanging heat of part of air compressed by the compressor, this heater being mounted on the cooling air system, and (3) a system for adjusting the air temperature downstream from the ~~heater~~ heat exchanger in conformity to the operation period of the turbine.